# TITLE 40-8 UCA 1953 GENERAL RULES AND REGULATIONS RULES OF PRACTICE AND PROCEDURE

COMPANY REPRE	man	INCLUDED		COMMENTS
CITATION	REGULATION	IN PLAN	ADEQUATE	COMMENTS
	LEGAL, FINANCIAL			
M-3/MR 1/1.	Name of Applicant	yes		
M-3/MR 1/2.	Address Permanent	yes.		
	Temporary			
M-3/MR 1/3.	Company Representative Name Title	yes.		
M-3/MR 1/4.	Address Office Phone	Yes		
M-3/MR 1/5.	Location County Township/Range/Section	Yes		
M-3/MR 1/6.	Name of Mine	71		
M-3/MR 1/7.	Mineral to be Mined			
M-3/MR 1/8.	Other Approvals/Listed			1
M-3/MR 1/9.	Owners of Record of Land Affected	5	ATE -	who is out all
M-3/MR 1/10.	Owners of Record of Minerals to be Mined	1	1	askest Loos?
M-3/MR 1/11.	Owners of Record of all Other Minerals	1		

		INCLUDED IN PLAN	ADEQUATE COMMENTS
CITATION	REGULATION	THE PERSON	
M-3/MR 1/11a.	Notification of Other Owners in Writing		est has his not been notified
M-3/MR 1/12.	Legal Right to Enter & Conduct Operations		Grazer Joseph Fotogral
M-3/MR 1/13.	Acreage 1. Operation Area		Stould chilae
	2. Access Road or Haulways	7	7 Pr
	<ul><li>3. Drainage System</li><li>4. Total Land Affected</li></ul>		796
M-3/MR 1/14.	Principal Executives, Officer & Partners Name		
	Title Address		
M-3/MR 1/15.	Previous Notice of Intention Withdrawn		
M-3/MR 1/16.	Signed		
	MAPS AND PLANS		
M-3(1)	True Copy Map or Plat		
M(3)(1)(a)	Land Affected Delineation		
M(3)(1)(b)	Within Land Affected Existing Mine Areas Active Abandoned (prior to May, 1975)	?	
	Boundaries of Surface Properties Names of Surface Owners Names of Mineral Owners		STATE.

CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
M-2	"Land Affected means the surface and subsurface of an area within the state where mining operations are being or will be conducted, fincluding, but not limited to: on-site private ways, roads, and railroad lines appurtenant to any such area; land excavations; exploration sites; drill sites or workings; refuse banks or spoil piles; evaporation or settling ponds; leaching dumps; placer areas; tailings ponds or dumps; work parking, storage, or waste discharge areas; areas in which structures, facilities, equipment, machines, tools or other materials or property which result from or are used in such operations, are situated. All lands shall be excluded that would be otherwise includable as land affected but which have been reclaimed in accordance with an approved plan or otherwise, as may be approved by the Board, and lands in which mining operations have ceased prior to July 1, 1977."			
M-3(1)(c) M6	"All maps and plans prepared for submission with the Notice of Intention to Commence Mining Operations shall be of adequate			

CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
M-3(1)(c) M6 (continued)	scale and detail to show topographic features and clearly indicate details of the proposed operations in accordance with Rule M-3. A color code, or other legend, shall be used in preparing all maps to clearly indicate surface features of the land affected."	C	K	
M-3(1)(d)	Names and Locations Lakes, Rivers, Streams, Creeks Roads, Buildings Active, Abandoned Facilities Transmissions Lines (within 500 feet)			How will fower to supp
M-3(1)(e)	Drainage Plan Overburden, Topsoil, Waste Stockpiles Directional Flow Constructed Drainways, Diversions, Berms Receiving Waters		no	Is rasidue a tailing shout of topsoil clarage from to
M-3(1)(f)	Drill Holes Location Status Depths and Thickness Water Bearing Strata Mineral Deposits Toxic Materials Revegetation Materials (topsoil)		no	Sall lole data has no begin presented inch doptor bloom and and bear strata include description of materia
M-3(1)(g)	Locations of Disposal and Stockpile Areas Topsoil Storage Overburden Materials Waste, Tailings, Rejected Materials Tailings-Ponds			malerial from Co references should not be under the sould are from on the state of the second and it ascertained that it

Discharge Points, Water Effluents

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CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
	EFFLUENT CONTROL			
M-10/11	Methods for Controlling Sediment			non (han
M(3)(3)(11)	"Sediment ControlMining operations shall be conducted in a manner such that sediment from areas disturbed in mining or reclamation activities is adequately controlled. The degree of sediment control shall be appropriate for the site-specific and regional conditions of topography, soil, drainage, water quality, or other characteristics."	- op	Jairrey &	and the state of t
M-3(1)(h)	Description of Water to be Disposed Expected Acid or Salt Content Expected Toxicity Expected Impact on Downstream Waters Description of Discharge Permits	de		
4-3(3)	OPERATION PLAN/SITE CONSTRUCTION			
M-3(3)/MR 1-7 MR 2-7	Mining Method General Details If Sedimentary Deposit Seam Thickness Dip Outcrop	84		types of processing types of chemicals
MR 2-11(1)	Mining Sequence			
MR 2-11(b)	Construction and Maintenance of Access Roads Procedures Cross-section Profile		1	

#### RECLAMATION -- CHECKLIST

CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
		/		
MR 2-11(c)	Site Preparation			
	Trees	~		
	Brush			A standards of
M-3(2)c				an accurate for the stand
MR 2-11(d)	Topsoil, Root Growth, Medium			topsed available origin
	•			averagedenths, gost mint
MR-2/11(c)	Methods for Removal	1 4-2	No single and	depth satisfal volume.
	Amounts of Topsoil Removed	× 11		Lossol should be segregated
	Methods of Topsoil Protection		1	Topsoil should be slegging
				from overburden and so indicated on the may
M-10(14)	"SoilsExcept where slope or rocky			so induction the may
	rocky terrain make it impossible, all			
	surficial materials, suitable as a			
	growth medium, prior to any major			
	excavation, shall be removed,			
	segregated, and stockpiled according	> > 10		
	to its ability to support vegetation		1/2	
	as determined by soil analysis and/or	K	TC	
	practical revegetation experience.			
	The stockpiles shall be protected in			
	such a manner as to minimize or			
	prevent wind and water erosion,			
	unnecessary compaction, and contam-	REPORT .		
	ination by undesirable materials.		100	11 1
	Redistribution and surficial material			1 1 tel indic
	after final grading shall be			1 de submitted tovers
	accomplished in such a manner as to			sopration of
	promote revegetation success."		a now r	my sign
			am	nep separation of soil tovers
M-3(2)c	Disturbed and Excess Materials		Reg	the sound of the sound
MR 2-11(e)	Tailings, Waste and Reject Handling			on le organiant
	Method of Placement and Containment		MR-4	Joxica less flower
	Stability and Erosion Control			be performed on the
	Overburden			malerial and storages
	Method of Placement and Containment			should be maintained and
	Stability and Erosion Control			I may times as it is protect
	Toxic, Acid/Alkali Producing Materials		1	1 000

Toxic, Acid/Alkali Producing Materials

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CITATION .	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
MR-2/19.	Determination as Toxic, Acid, Alkali Testing Procedure and Results	, IN PLAN	ADEQUATE	see previous page.
M-2 K(6)	"Toxic means any chemical or biological or adverse characteristic of the material involved which could reasonable be expect to negatively affect ecological or hydrological systems or could be hazardous to the public safety and welfare."			
M-10(6)	"Toxic Materials—All toxic or potentially toxic material, as defined by Rule M-2(k), shall be safely removed from the site or left in an isolated condition such that solid, liquid or gaseous toxic emissions to the environment are reasonably eliminated or controlled. Such isolation practices may inlude, but not be limited to, burial, subsurface injection, chemical precipitation or neutralization, and filtering. All appropriate regulations of the Division of Health must be complied with as well as Federal regulations."			Hastle division stores hastle approved process
M-3(2)(c) MR-2/11(e)	Method of Placement and Containment Stability and Erosion Control			

CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
M-3(2)	RECLAMATION PLAN	- 1		
M-10	"The following reclamation standards are established where applicable for all work or activity required to be performed in accordance with reclamation plans approved subsequent to June 1, 1978. Mine workings abandoned prior to May, 1975, need not be reclaimed unless said workings are utilized for subsequent operations. Areas on which these standards are proposed to be non-applicable will be designated on the maps submitted by this operator in accordance with Rule M-6, and may be shown on supplementary ground or air photographs.		Sh	
	Said standards shall apply to all operators covered by a mining and reclamation plan and variances to all portions herein will be considered on a site-specific basis by the Division and/or Board."		-	
M-2i	"Reclamation means actions performed during or after mining operations to shape, stabilize, revegetate, or otherwise treat the land affected in order to achieve a safe, stable, ecological condition and use which will be consistent with local environmental conditions."			

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CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
M-3(2)/MR 2,3 M-3(2)(a) M-3(2)(a) M-3(2)(b)	Land Uses Prior Land Uses Current Uses Potential Uses		~	
M-10(1)	"Land UseThe operator shall abandon the area affected in a condition which is capable of supporting a postmining use that is compatible with probable land uses."	e	R	
M-3(2)/MR 2-4	Existing Vegetation Percent Cover			
M-3(2)/MR 2-5	Existing Soils pH Soil Lab Reference		~	
M-3(2)/MR 2-6	Site Elevation Site Abandonment			
M-10(2)	"Public Safety and WelfareThe operator shall minimize hazards to the public safety and welfare following mining. Methods to minimize hazards shall inloude but not be limited to:			
	(a) The closing of shafts and tunnels to prevent unauthorized or accidental entry.		_	

		INCLUDED		
CITATION	REGULATION	IN PLAN	ADEQUATE	COMMENTS
M-10(2) (continued)	(b) The disposal of trash, scrap metal and wood, unuable buildings extraneous debris and other materials incident to mining in a manner approved by the Division and in accordance with the Rules and Regulations of the Division of Health.			where will tral to dispose of?
	(c) The plugging and capping of drill, core or other exploratory holes as set forth in Rule M-3(5).			
	(d) The posting of appropriate warning signs in locations where public access to operations is readily available.			around the highwal be pos
	(e) The construction of berms, fences and/or barriers above high- walls or other excavations when required by the Division."			installed duringser
	Structure Removal	- 144		will find the second
M-10(9)	"Structures and EquipmentAll structures, rail lines, utility connections, equipment, and debris shall be removed from the surface prior to regarding and reclamation unless temporarily abandoned or approved by the Division for a continuing use."			will Phase II involve to phase II? I not a committee to the phase III in the a committee to the phase III a committee to the phase III is the a committee to the phase III is the a committee to the phase III is the phase III is the phase II in the phase II is the phase II in the phase II in the phase II is the phase II in the phase I

CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
M-3(2)(d) MR-2(f)	Procedures and Methods For Final Stabilization and Regrading			_
MR-2(a)	Typical Cross-section of Regraded areas Specific Description of Regrading areas			a cross section of
M-10(10)	"Shafts and Portals-All shafts and portals shall be covered or closed and all trenches and small pits shall be backfilled or covered when a mine has been abandoned so as to eliminate any safety hazard.		ek. 1:1	provided through pit are.
	Roads and Pads—On-site roads and pads shall be reclaimed or stabilized when the operator determines that they are no longer needed for mining operations. The reclamation should include provisions for adequate surface drainage protection and unrestricted drainage crossings. When a road or pad is to be turned over to an approved continuing use, as determined by the operator, the operator shall turn over the property with adequate surface drainage, drainage structures, ditching, and in a general condition suitable for the continued use.			a committeent she be made that we address reclass of accessiveryst
	HighwallsIn strip mining or open pit mining and in open cuts for pads or roadways all such highwalls		*	

CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
Aighteant (continued)	against them or by cutting the wall back to achieve a slope angle of 45 or less. Where the highwall is composed of solid rock; is designed to be stable utilizing benches, tie-backs, etc.; or, there is insufficient material reasnably available to backfill; or cutting the wall back would result in excessive damage to undisturbed land above the highwall; and taking into consideration suitable alternative safety measures; future land use, etc.; the Division may modify or waive the above requirements."		h	
1R-2(e)	"SlopesAll waste piles, spoil piles, and fills shall, if possible, be regraded to a rounded configuration and they shall be sloped to minimize safety hazards and erosion. The angle of slope from the bottom to the top of the pile or fill can be greater than the surrounding terrain provided that the mass stability of the slope is assured and that the erosion of the slope is minimized by measures such as, but not limited to; terracing, surface drainage facilities, cross-slope ripping or scarifying and vegetation. In no case shall the slope of a pile or fill exceed the angle of repose of	O	1	

CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
Slopes (continued)	the material or such lessor slope as required by the Division considering such factors as: land use, material properties, revegetation potential or erosion control."			
1R-2(1)	Description of Determining Stability of Reclaimed Fill Material			
1R-2(f)	Description of the Method of Drainage Control for Regraded Areas			
	"Drainages—All natural channels and associated flood plains shall not be covered, restricted or rerouted by roads, pads, piles, fills or diversions unless specifically approved by the Division after a suitable hydrologic study and incorporating a sound hydraulic design. All drainage structures, sediment or flood control structures, spoil, ore, waste, fill material and debris must be removed from natural channels and flood plains before an operator abandons the site except where approved by the Division.	oli		

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CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
M-10(13) M-10(3)	DamsAll major water impounding structures such as tailings, dams, water storage and supply dams, coal waste dams and major sedimentation control dams shall be reclaimed when abandoned so as to be nonimpounding, self-draining, mechanically stable and protected from erosion.  ImpoundmentsAll evaporation, tailings and sediment ponds; spoil piles, fills, pads and regraded areas shall be self-draining and nonimpounding when abandoned unless previously approved as an impounding facility by a lawful state or federal agency."		aonl -	
MR-2(10)	Topsoil Distribution Plans  Specific Description of Spreading Topsoil/ Growth Medium Approximate Thickness of Topsoi/Growth		no	
MR-2(3)	Medium Description of Surface Preparation Revegetation Plans		+	
MR-2(1)	Who Will Complete Revegetation? Seed Bed Preparation	Spe	of .	

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CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
MR-2(1)	Description of Soil Treatments to Aid Revegetation			
M-10.12	"Practial land treatments may include but not be limited to: scarifying, mulching, fertilization, irrigation, chisel plowing, harrowing and the introduction of soil mycorrhiza.			
M-10.12	Description of Method for Testing Soil to Support Vegetation Fertilization Plans		/	
MR-2-2.	Mulch Type Rate/Acre	V		
	Seeding			
M-3(2)(e()	"A planting program as best calculated to revegetate the land affected. Where there is no original protective cover, an alternate practical procedure should be proposed to minimize or control erosion or siltation. When applicable, the objective in revegetation should be to stabilize the land as quickly as possible after it has been disturbed in order to achieve permanent and protective vegetative cover.  Non-noxious native plants that will give a quick, permanent, protective cover and enrich the soil shall be given priority."			

		INCLUDED			
CITATION	REGULATION	IN PLAN	ADEQUATE	COMMENTS	
MR 2-1	Description of Seeding Method				
MR 2-3	Justification of Seed Mix				
M-10(12)	"RevegetationWhere possible, a self-sustaining vegetative cover consisting of non-noxious perennial plants shall be established by the operator subsequent to final grading on the entire area affected. Plants shall be a diverse mixture of grasses, shrubs, forbs and where potential for forestation exists, trees; the mixture may include both native and introduced species. Revegetation shall be performed using professionally accepted methods such as seeding, transplanting or propagating by cuttings.				
	(1) The species selection shall reflect the post-mining land use as set forth in Rule M-10(1)	~			
MR-2 3.	U. S. Soil Conservation Service				
MR-2 3.	Test Plots Use of Seed Mix	no	no		
MR-2 3.	Description of Application Location/Facing (bearing) Rate Per Acre (PLS) Species Mix Per Location Season to be Planted Maintenance/Monitoring				

CITATION	REGULATION	INCLUDED IN PLAN	ADEQUATE	COMMENTS
OTTATION	REGOLATION	IN I DAN	T TOTAL TOTA	
MR-2/5.	Description of Irrigation Methods			
	To Establish Vegetation			
	Inspections			
	Frequency Purpose			A. 1000年6月,日本市位为1000
	Livestock Grazing		11.00	-track
	Fencing	V	alleady	questioned
	Vegetation Protection		0	
M-3(2)(f)	Reclamation Schecule			DAM A
	Estimated Time for Construction		0	in updated tymely
	Estimated Time for Interim Reclamation		0	a operations slower
MR-2 8.	Estimated Duration of Mining Operation		5	I has they include
M-3(2)f	A Time Table for the Accomplishment of			Ostimates of sit instea
	Each Major Step in Reclamation Plans			Doclamation refine
M-5	Reclamation Surety Estimate			construction all
M-5	Estimate Based on Reclamation Plan		1	At I
	Cleanup and Removal of Structures		tobe	contd
	Grading and Contouring		01	11' 10-
	Stabilization		X X	do not 10
	Labor			la not 2,10
	Safety and Fencing			and the
	Monitoring		100	
M-3	Standard of Reclamation Success			
	"(2) Revegetation shall be deemed to			
	be accomplished and successful when:			
	(a) Species intented for revegetation			
	by this Rule have achieved a surface		- BARRET	
	cover of at least 70% of the			
	representative vegetative communities			
	surrounding the mine. Surrounding			
	vegetative cover levels shall be			

		INCLUDED		
CITATION	REGULATION	IN PLAN	ADEQUATE	COMMENTS
(a) (continued)	determined by the operator using professionally accepted inventory methods and be approved by the Division.  (b) The vegetation initiated on the area affected has survived for at least three (3) growing seasons, is evenly distributed, and is not supported by irrigation or continuing soil amendments.			;
	(3) Exceptions to Part 12 may be granted by the Division for areas which consist of solid rock outcrops and it is deonstrated by the operator that sufficient surficial soil does not exist for covering said outcrops. Test plots established by the operator in consultation with the Division shall demonstrate after all practical land treatments have been attempted that the revegetation standards are not attainable."			
M-10 MR-8	Commitment to Rule M-10.			